Name of Work: Development and Improvements of Road, Drain and covering Slabs Kogilu Lake and Surrounding area Defence Colony, Kogilu Village, Sri Rampura and Jakkur Village, Kattigenahalli and Agrahara layout in Ward No.05

Detailed Measurements

Date of Measurement : 5/10/2018 to 6/11/2020

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
11	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)									
	3rd bill									
	Srirampura									
	Srirampura store									
	Ch: 0 to 23.5m	RHS	1	23.50	0.90		21.15			
	Gap									
	Ch: 23.5 to 41.1m	RHS	1	17.60	0.90		15.84			
	Rd Gap									
	Ch: 41.1 to 60.1m	RHS	1	19.00	0.90		17.10			
	Cul Gap									
	Ch: 60.1 to 75.1m	RHS	1	16.20	0.90		14.58			
	Ch: 75.1 to 98.9m	RHS	1	22.00	0.90		19.80			
	Continue									
	Ch: 0 to 9.8m	LHS	1	9.80	0.90		8.82			
	Cul Gap									
	Ch: 9.8 to 26.4m	LHS	1	16.60	0.90		14.94			
	Cul Gap									
	Ch: 26.4 to 46.7m	LHS	1	18.90	0.90		17.01			
	Cul Gap									
	Ch: 46.7 to 67.3m	LHS	1	17.00	0.90		15.30			
	Cul Gap	LHS	1	3.60	0.00		0.00			
	Ch: 67.3 to 87.4m									
	Rd Gap	LHS	1	20.10	0.90		18.09			
	Gap									
	Rd Gap									
	Ch: 87.4 to 112.4m									
	Cul Gap	LHS	1	25.00	0.90		22.50			
	Ch: 112.4 to 142.4m									
	Ch: 142.4 to 150.4m	LHS	1	30.00	0.90		27.00			
	Sai Baba Temple Rd	LHS	1	8.00	0.90		7.20			
	Ch: 0 to 30m									
	Ch: 30 to 60m	LHS	1	30.00	0.90		27.00			
	Ch: 60 to 62.2m	LHS	1	30.00	0.90		27.00			
	Cul Gap	LHS	1	2.20	0.90		1.98			
	Ch: 62.2 to 84.4m									
	Cul Gap	LHS	1	22.20	0.90		19.98			
	Ch: 84.4 to 97.2m									
	Cul Gap	LHS	1	12.80	0.90		11.52			
	Ch: 97.2 to 112.8m									
	Ch: 112.8 to 116.6m	LHS	1	15.60	0.90		14.04			
	Ch: 116.6 to 146.6m	LHS	1	3.80	0.90		3.42			
	Ch: 146.6 to 176.6m	LHS	1	24.00	0.90		21.60			

345.87

Executive Engineer

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Assistant Engineer

Asst. Executive Engineer

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 176.6 to 194.8m Dead End	LHS	1	6.00	0.00		0.00			
	Ch: 0 to 30m	LHS	1	30.00	0.90		27.00			
	Ch: 30 to 33.60m	LHS	1	18.20	0.90		16.38			
	Cul Gap	RHS	1	30.00	0.90		27.00			
	Ch: 33.60 to 55.8m	RHS	1	3.60	0.90		3.24			
	Cul Gap									
	Ch: 55.80 to 81.3m	RHS	1	22.20	0.90		19.98			
	Muneshwara Temple Rd									
	Ch: 0 to 30m	RHS	1	25.50	0.90		22.95			
	Ch: 30 to 45.7m									
	Tirumenahalli Main Rd	LHS	1	30.00	0.90		27.00			
	Ch: 0 to 19.3m	LHS	1	15.70	0.90		14.13			
	Ch: 19.30 to 23.3m Gap									
	Ch: 23.30 to 30m	LHS	1	19.30	0.90		17.37			
	Ch: 30 to 58.6m	LHS	1	4.00						
	Ch: 58.60 to 63.7m Gap	LHS	1	6.70	0.90		6.03			
	Ch: 63.70 to 74m	LHS	1	28.60	0.90		25.74			
	Cul Gap	LHS	1	5.10						
	Ch: 0 to 104m	LHS	1	10.30	0.90		9.27			
	Ch: 104 to 134m									
	Ch: 134 to 164m	LHS	1	30.00	0.90		27.00			
	Ch: 164 to 194m	LHS	1	30.00	0.90		27.00			
	Ch: 194 to 224m	LHS	1	30.00	0.90		27.00			
	Ch: 224 to 226.1m	LHS	1	30.00	0.90		27.00			
	Cul Gap	LHS	1	30.00	0.90		27.00			
	Ch: 226.1 to 256.1m	LHS	1	2.10	0.90		1.89			
	Ch: 256.1 to 286.1m									
	Ch: 286.1 to 316.1m	LHS	1	30.00	0.90		27.00			
	Ch: 316.1 to 327.3m	LHS	1	30.00	0.90		27.00			
	Cul Gap	LHS	1	30.00	0.90		27.00			
	Ch: 327.3 to 352.7m	LHS	1	11.20	0.90		10.08			
	Cul Gap									
	Ch: 352.7 to 380.7m	LHS	1	25.40	0.90		22.86			
	Cul Gap									
	Ch: 380.7 to 410.7m	LHS	1	28.00	0.90		25.20			
	Ch: 410.7 to 413m									
	Ch: 0 to 24.7m	LHS	1	30.00	0.90		27.00			
	Cul Gap	LHS	1	2.30	0.90		2.07			
	Ch: 24.7 to 34.1m	RHS	1	24.70	0.90		22.23			
	Ch: 34.1 to 40.4m Gap									
	Ch: 40.4to 70.4m	RHS	1	9.40	0.90		8.46			
	Ch: 70.4 to 86.7m	RHS	1	6.30						
	Rd Gap	RHS	1	30.00	0.90		27.00			
	Ch: 86.7 to 116.7m	RHS	1	16.30	0.90		14.67			
	Ch: 116.7 to 146.7m									
	Ch: 146.7 to 176.7m	RHS	1	30.00	0.90		27.00			
	Ch: 176.7 to 188.2m	RHS	1	30.00	0.90		27.00			
	Ch: 188.2 to 192m Gap	RHS	1	30.00	0.90		27.00			
	Ch: 192 to 222m	RHS	1	11.50	0.90		10.35			
	Ch:222 to 247.4m	RHS	1	3.80						
	Rd Gap	RHS	1	30.00	0.90		27.00			

345.87

1057.77

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

Executive Engineer
Project Division

NEWZEN CONSULTANT
K.R
Bangalore

Contractor | Consultant | Assistant Engineer | Asst. Executive Engineer.

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 247.4 to 271.2m	RHS	1	25.40	0.90		22.86			
	Rd Gap									
	Ch: 271.2 to 285.4m	RHS	1	23.80	0.90		21.42			
	Ch: 285.4 to 315.4m									
	Ch: 315.4 to 345.4m	RHS	1	14.20	0.90		12.78			
	Ch: 345.4 to 351.7m	RHS	1	30.00	0.90		27.00			
	Ch: 351.7 to 356.9m	RHS	1	30.00	0.90		27.00			
	Ch: 356.9 to 386.9m	RHS	1	6.30	0.90		5.67			
	Ch: 386.9 to 402.2m	RHS	1	5.20	0.00		0.00			
	Ch: 402.2 to 408.8m	RHS	1	30.00	0.90		27.00			
		RHS	1	15.30	0.90		13.77			
		RHS	1	6.60	0.00		0.00			
	Flagging course									
	Agrahara Layout									
	5th main									
	Ch: 0 to 24m	LHS	2	24.00	0.90		43.20			
	Road Gap									
	Ch: 24 to 48.5m	LHS	2	24.50	0.90		44.10			
	Road Gap									
	Ch: 60 to 72.3m	LHS	2	23.80	0.90		42.84			
	Road Gap									
	Ch: 72.3 to 96.7m	LHS	2	24.40	0.90		43.92			
	Road Gap									
	Ch: 96.7 to 120.7m	LHS	2	24.00	0.90		43.20			
	Road Gap									
	Ch: 120.7 to 150.7m	LHS	2	30.00	0.90		54.00			
	Ch: 150.7 to 154.7m	LHS	2	4.00	0.90		7.20			
	Road Gap									
	Ch: 154.7 to 165.9m	LHS	2	11.20	0.90		20.16			
	Road Gap									
	Ch: 165.9 to 181.3m	LHS	2	15.40	0.90		27.72			
	Ch: 0 to 23m	RHS	2	23.00	0.90		41.40			
	Road Gap									
	Ch: 23 to 47m	RHS	2	24.00	0.90		43.20			
	Ch: 47 to 60m	RHS	2	13.00	0.90		23.40			
	Road Gap									
	Ch: 60 to 84.5m	RHS	2	24.50	0.90		44.10			
	Road Gap									
	Ch: 84.5 to 108.3m	RHS	2	23.80	0.90		42.84			
	Road Gap									
	Ch:108.3 to 116.3m	RHS	2	8.00	0.90		14.40			
	House Gap									
	Ch: 116.3 to 123.3m	RHS	2	7.00	0.90		12.60			
	Road Gap									
	House Gap									
	Ch: 123.3 to 133m	RHS	2	9.70	0.90		17.46			
	Road Gap									
	Ch: 133 to 163m	RHS	2	30.00	0.90		54.00			
	Ch: 163 to 167m	RHS	2	4.00	0.90		7.20			
	Road Gap									
	Ch: 167 to 185m	RHS	2	18.00	0.90		32.40			
	Srirampura									
	SSM Drain Flagging Desilt									

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

1874.61

Contractor

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Assistant Engineer

Asst. Executive Engineer.

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	From Shani Mahathma Temple									
	Ch: 0 to 30m	RHS	1	30.00	1.20		36.00			
	Ch: 30 to 60m	RHS	1	30.00	1.20		36.00			
	Ch: 60 to 90m	RHS	1	30.00	1.20		36.00			
	Ch: 90 to 115.4m	RHS	1	25.40	1.20		30.48			
	Missing/Damaged slabs									
	Srirampura									
			12	0.90	0.60		6.48			
			14	0.90	0.60		7.56			
			19	0.90	0.60		10.26			
	Agrahara									
			11	0.90	0.60		5.94			
			8	0.90	0.60		4.32			
			22	0.90	0.60		11.88			
			11	0.90	0.60		5.94			
			14	0.90	0.60		7.56			
			7	0.90	0.60		3.78			
			16	0.90	0.60		8.64			
			9	0.90	0.60		4.86			
			12	0.90	0.60		6.48			
			16	0.90	0.60		8.64			
	Thirumenahalli									
			9	0.90	0.60		4.86			
			12	0.90	0.60		6.48			
			10	0.90	0.60		5.40			
			9	0.90	0.60		4.86			
	Missing/Damaged slabs									
	Srirampura									
			6	0.90	0.60		3.24			
			9	0.90	0.60		4.86			
			3	0.90	0.60		1.62			
	Agrahara									
			5	0.90	0.60		2.70			
			8	0.90	0.60		4.32			
			7	0.90	0.60		3.78			
			3	0.90	0.60		1.62			
	Thirumenahalli									
			9	0.90	0.60		4.86			
			4	0.90	0.60		2.16			
			7	0.90	0.60		3.78			
						Present Qty	**2159.97**	**Sqm**		
						Qty paid in 2nd Bill	**8110.88**	**Sqm**		
						Total Qty	**10270.85**	**Sqm**		
						Deduct Qty paid in 2nd Bill	**8110.88**	**Sqm**		
						Qty to be paid	**2159.97**	**Sqm**	**2453.62**	**5299737.60**

Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore-92

Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore-92

Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore-92

NEWZEN CONSULTANT Consultants Bangalore

Contractor

Assistant Engineer

Asst. Executive Engineer,

Name of Work: Development and Improvements of Road, Drain and covering Slabs Kogilu Lake and Surrounding area Defence Colony, Kogilu Village, Sri Rampura and Jakkur Village, Kattigenahalli and Agrahara layout in Ward No.05

Detailed Measurements

Date of Measurement : 6/11/2020 to 12/11/2020

Sl No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
2	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)									
	3rd Bill									
	Srirampura									
	Srirampura store									
			1	3.50	1.20		4.20			
			1	5.40	1.20		6.48			
			1	4.30	1.20		5.16			
			1	4.40	1.20		5.28			
			1	4.90	1.20		5.88			
			1	5.30	1.50		7.95			
	Sai Baba Temple Rd									
	LHS		1	4.60	1.20		5.52			
	LHS		1	4.40	1.20		5.28			
	LHS		1	5.10	1.20		6.12			
	RHS		1	4.60	1.20		5.52			
	RHS		1	5.10	1.20		6.12			
	Tirumenahalli Main Rd									
	LHS		1	8.80	1.20		10.56			
	LHS		1	13.00	1.20		15.60			
	LHS		1	7.10	1.50		10.65			
	LHS		1	8.20	1.50		12.30			
	LHS		1	7.40	1.50		11.10			
	RHS		1	6.50	1.50		9.75			
	RHS		1	9.00	1.50		13.50			
						Total Qty	**146.97**	**Sqm**		
						Qty paid in 2nd Bill	**286.98**	**Sqm**		
						Total Qty	**433.95**	**Sqm**		
						Deduct Qty paid in 2nd Bill	**286.98**	**Sqm**		
						Qty to be paid	**146.97**	**Sqm**	**5688.36**	**836018.00**

12/11/2020

NEWZEN CONSULTANT Consultant Bangalore

Contractor

Assistant Engineer

12/11/20

Asst. Executive Engineer,

Name of Work: Development and Improvements of Road, Drain and covering Slabs Kogilu Lake and Surrounding area Defence Colony, Kogilu Village, Sri Rampura and Jakkur Village, Kattigenahalli and Agrahara layout in Ward No.05

Detailed Measurements

Date of Measurement : 5/10/2020 to 16/11/2020

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
17	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation								
	CC Road								
	Srirampura								
	srirampura store								
	Ch:0.00m to 30.00m	1	30.00	(6.20 + 3.80)/2	0.15	22.50			
	Ch:30.00m to 60.00m	1	30.00	(3.80 + 4.80)/2	0.15	19.35			
	Ch:60.00m to 76.60m	1	16.60	(4.80 + 5.60)/2	0.15	12.95			
	Cross Rd-1								
	Ch:0.00m to 30.00m	1	30.00	(3.60 + 3.50)/2	0.15	15.98			
	Ch:30.00m to 60.00m	1	30.00	(3.50 + 3.00)/2	0.15	14.63			
	Ch:60.00m to 84.70m	1	24.70	(3.00 + 3.70)/2	0.15	12.41			
	Cross Rd-2								
	Ch:0.00m to 30.00m	1	30.00	(4.30 + 4.10)/2	0.15	18.90			
	Ch:30.00m to 60.00m	1	30.00	(4.10 + 3.80)/2	0.15	17.78			
	Ch:60.00m to 82.30m	1	22.30	(3.80 + 3.40)/2	0.15	12.04			
	Sai Baba Temple Rd								
	Ch:0.00m to 30.00m	1	30.00	(7.20 + 5.40)/2	0.15	28.35			
	Ch:30.00m to 60.00m	1	30.00	(5.40 + 4.00)/2	0.15	21.15			
	Ch:60.00m to 90.00m	1	30.00	(4.00 + 6.60)/2	0.15	23.85			
	Ch:90.00m to 95.90m	1	5.90	(6.60 + 5.20)/2	0.15	5.22			
	Jakkur								
	Cross Rd-1								
	Ch:0.00m to 6.00m	1	6.00	(4.20 + 4.20)/2	0.15	3.78			
	Ch:6.00m to 30.00m	1	24.00	(3.40 + 2.80)/2	0.15	11.16			
						240.04			

Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore-92

Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore-92

Chd 162

NEWZEN CONSULTANT K.R Consultant Bangalore

Contractor

Asst. Engineer

Asst. Exec. Engineer,

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:30.00m to 42.30m	1	12.30	2.80 + 2.80 / 2	0.15	5.17			
	Cross Rd-2								
	Ch:0.00m to 30.00m	1	30.00	3.40 + 3.40 / 2	0.15	15.30			
	Ch:30.00m to 37.60m	1	7.60	3.40 + 3.40 / 2	0.15	3.88			
	Cross rd-3(near Byaptist Hospital)								
	Ch:0.00m to 19.60m	1	19.60	2.40 + 2.80 / 2	0.15	7.64			
	Ch:19.00m to 36.70m	1	17.10	2.10 + 2.10 / 2	0.15	5.39			
	Cross Rd-4								
	Ch:0.00m to 21.00m	1	21.00	2.30 + 2.00 / 2	0.15	6.77			
	Cross Rd-5								
	Ch:0.00m to 19.60m	1	19.60	2.20 + 2.20 / 2	0.15	6.47			
	KJSS Rd(near Jakkur Circle)								
	Ch:0.00m to 30.00m	1	30.00	8.50 + 7.40 / 2	0.15	35.78			
	Ch:30.00m to 60.00m	1	30.00	7.40 + 8.70 / 2	0.15	36.23			
	Ch:60.00m to 90.00m	1	30.00	8.70 + 8.50 / 2	0.15	38.70			
	Ch:90.00m to 99.80m	1	9.80	8.50 + 8.30 / 2	0.15	12.35			
	Cul Gap								
	Ch:99.80m to 129.80m	1	30.00	11.90 + 17.20 / 2	0.15	65.48			
	Ch:129.80m to 136.80m	1	7.00	17.20 + 17.50 / 2	0.15	18.22			
	Continue								
	Ch:136.80m to 166.80m	1	30.00	6.40 + 7.50 / 2	0.15	31.28			
	Ch:166.80m to 196.80m	1	30.00	7.50 + 9.50 / 2	0.15	38.25			
	Ch:196.80m to 199.80m	1	3.00	9.50 + 9.50 / 2	0.15	4.28			
	Cross rd-1								
	Ch:0.00m to 30.00m	1	30.00	4.20 + 4.20 / 2	0.15	18.90			
	Ch:30.00m to 50.30m	1	20.30	4.20 + 4.20 / 2	0.15	12.79			
	Cross rd-2								
	Ch:0.00m to 30.00m	1	30.00	4.50 + 3.80 / 2	0.15	18.68			
	Ch:30.00m to 44.50m	1	14.50	3.80 + 5.00 / 2	0.15	9.57			
	Cross rd-3								
	Ch:0.00m to 3.20m	1	3.20	2.50 + 2.50 / 2	0.15	1.20			

Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore-92

Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore-92

Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore-92

Contractor

Consultant

NEWZEN CONSULTANT ★ Bangalore ★

Asst. Engineer

Asst. Exec. Engineer,

em lo	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:3.20m to 33.20m	1	30.00	5.30 + 6.30 / 2	0.15	26.10			
	Ch:33.20m to 63.20m	1	30.00	6.30 + 6.50 / 2	0.15	28.80			
	Ch:63.20m to 93.20m	1	30.00	6.50 + 6.50 / 2	0.15	29.25			
	Ch:93.20m to 123.20m	1	30.00	6.50 + 6.30 / 2	0.15	28.80			
	Ch:95.80m to 139.20m	1	16.00	6.30 + 5.90 / 2	0.15	14.64			
					Present Qty	**759.92**	**Cum**		
					Qty paid in 2nd Bill	**0.00**	**Cum**		
					Total Qty	**759.92**	**Cum**		
					Deduct Qty paid in 2nd Bill	**0.00**	**Cum**		
					Qty to be paid	**759.92**	**Cum**		
					Upto 125%	**191.70**	**Cum**	**5470.99**	**1048788.19**
					Above 125%	**568.22**	**Cum**	**5470.99**	**3108700.93**
								Total	**26674160.77**
								GST 12%	**3200899.29**
								Grand Total	**29875060.06**

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

16/11/2020

NEELZEN CONSULTANT
K.R
Consultant
Bangalore

6/11/2020
Asst. Engineer